

**Amendments to the Abstract:**

Please substitute the following version of the Abstract, with changes shown by strikethrough (for deletions) or underlining (for added matter).

ABSTRACT OF THE DISCLOSURE

A gas permeable probe for use in an optical analyzer for an exhaust gas stream flowing through a duct or chimney ~~comprises~~ which has:

- an elongate hollow structure having first and second ends and a side wall, with an optical cavity defined between ~~said the~~ the first and second ends within ~~said the~~ the side wall,
- a mounting structure at ~~said the~~ the first end and adapted for mounting ~~said the~~ the elongate hollow structure within ~~said the~~ the duct or chimney,
- a support member at ~~said the~~ the second end,
- a connecting structure connecting ~~said the~~ the mounting flange at ~~said the~~ the first end to ~~said the~~ the support flange at ~~said the~~ the second end,
- an optical window at ~~said the~~ the first end permitting a beam of light originating from an optical analyzer to enter into ~~said the~~ the optical cavity to travel from ~~said the~~ the first end to ~~said the~~ the second end,
- a retroreflector provided at ~~said the~~ the second end for returning ~~said the~~ the light beam to ~~said the~~ the first end of ~~said the~~ the hollow structure, and
- an elongate filter module forming part of ~~said the~~ the elongate hollow structure, having first and second opposite ends and ~~comprising~~ including a filter structure ~~including~~ with at least one filter member and a bellows at one of ~~said the~~ the first and second opposite ends adjacent ~~said the~~ the filter structure,
- ~~said the~~ the elongate filter module being connectable at its first end to ~~said the~~ the mounting structure and at its second end to ~~said the~~ the support member.